

**UNITED STATES DEPARTMENT OF AGRICULTURE  
Rural Utilities Service  
Washington, DC 20250-1500**

October 2, 2001

**TECHNICAL STANDARDS COMMITTEE "A" (TELECOMMUNICATIONS) MEETING #741**

**Summary of Decisions**

1. Buried Cable (Item "sc") - Nacional De Conductores Eléctricos, S.A De C.V. (Condumex)

Committee A accepted Condumex's filled telecommunications cable for listing on pages 1.1 and 1.1.2 as follows:

**Page 1.1**

**sc - Buried Cable**

RUS Standard Designations "BFC", "CW", and "UF" (Filled) 7 CFR 1755.390

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.390

**RUS Standard Suffixes**

<b><u>Manufacturer</u></b>	<b><u>A<sup>(1)</sup></u></b>	<b><u>C<sup>(1)</sup></u></b>	<b><u>Y<sup>(1)</sup></u></b>	<b><u>X<sup>(1)</sup></u></b>	<b><u>H<sup>(1)</sup></u></b>	<b><u>H1C<sup>(2)</sup></u></b>	<b><u>P<sup>(1)</sup></u></b>
Nacional De Conductores Eléctricos (Condumex) <sup>(5)</sup>	AM__ <sup>(16)</sup> C	-	AM__ <sup>(16)</sup> Q	AM__ <sup>(16)</sup> D	-	-	-

**Page 1.1.2**

**Notes:**

<sup>(16)</sup>Replace blank with either the letter A, M, or T to specify conductor AWG size.

## 2. Buried Cable (Item "sc") - Nacional De Conductores Eléctricos, S.A De C.V. (Condumex)

Committee A accepted Condumex's filled telecommunications cables with expanded insulation for listing on pages 1.1.1 and 1.1.2 as follows:

Page 1.1.1**sc - Buried Cable**

RUS Standard Designations "BFC", "CW", and "UF" (Expanded Insulation-Filled) 7 CFR 1755.890

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.890

**RUS Standard Suffixes**

<b><u>Manufacturer</u></b>	<b><u>A<sup>(1)</sup></u></b>	<b><u>C<sup>(1)</sup></u></b>	<b><u>Y<sup>(1)</sup></u></b>	<b><u>X<sup>(1)</sup></u></b>	<b><u>H<sup>(1)</sup></u></b>	<b><u>H1C<sup>(2)</sup></u></b>	<b><u>P<sup>(1)</sup></u></b>
Nacional De Conductores Eléctricos (Condumex) <sup>(5)(6)</sup> (16) D	-	AN__ <sup>(16)</sup> C	-	-	AN__ <sup>(16)</sup> Q	AN__	

Page 1.1.2**Notes:**

<sup>(16)</sup>Replace blank with either the letter A, M, or T to specify conductor AWG size.

## 3. Underground Conduit (Item "hc"), Split Metal Cable Guards (Item "sl"), and Riser Guards (Pole) (Item "sg") - Outside Plant Branch

Committee A removed the following manufacturers and their products from the List of Materials:

<b><u>Manufacturer</u></b>	<b><u>Product/Catalog No.</u></b>
<b><u>hc-Underground Conduit</u></b>	
ARMCO	Plastic, Smooth-Cor Type B and Type C.
CIBA-GEIGY	Fiberglass, T & D
Kyova	Plastic, Type EB and Type DB
Tridyn Industries	Plastic, Type EB and Type DB
<b><u>sl-Split Metal Cable Guards</u></b>	
Butler	5-Foot Straight Section: 077005, 077743
	5-Foot Curved Section: 077004, 077747
	2-1/2-Foot Straight Section: 077009, 077745
	2-1/2-Foot Curved Section: 077011, 077749
Midland-Ross	10-Foot Straight Section: SD15-10, SD35-10
	5-Foot Straight Section: SD15-5, SD35-5
	2-1/2-Foot Straight Section: SD15-2, SD35-2
<b><u>sg - Riser Guards (Pole)</u></b>	
Midland-Ross	SD15-10, SD25-10, SD35-10

## 4. Precast Concrete Manholes (Item "hm") and Handholes (Item "hh") - Northwest Pipe &amp; Tank, Inc.

Committee A accepted Northwest's pre-cast manholes for listing on pages 2.7.2, 2.4, and 2.4.1 as follows:

**Page 2.7.2**

<b><u>Manufacturer</u></b>	<b><u>Base Size</u></b>	<b><u>Catalog Number</u></b>
<u>hm - Precast Concrete Manholes</u> <sup>(1)</sup>		
Northwest Pipe & Tank, Inc.	4'10" x 4'10" x 4'	#8-C244

**Notes:** <sup>(1)</sup> Consult manufacturer for ordering procedure concerning depth of the hole (Headroom), type of manhole (A, J, L, T), and extension sections.

**Page 2.4**

<b><u>Manufacturer</u></b>	<b><u>Catalog Number</u></b>
<b><u>hh - Handholes</u></b> <sup>(1)(2)</sup>	
<b><u>Handholes for Copper Systems</u></b>	

Northwest Pipe & Tank, Inc.	#8-C124 <sup>(3)</sup> (4'10" x 3'4" x 2'6")
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**Notes:** <sup>(1)</sup> Not for use in areas subject to vehicular traffic.  
<sup>(2)</sup> Consult the manufacturer for ordering procedures for handhole depth and lid/cover locking devices and load bearing capacity.  
<sup>(3)</sup> Light vehicular traffic only (H10).

**Page 2.4.2**

<b><u>Manufacturer</u></b>	<b><u>Catalog Number</u></b>
<b><u>hh - Handholes</u></b> <sup>(1)(2)</sup>	
<b><u>Handholes for Fiber Optic Systems</u></b>	

Northwest Pipe & Tank, Inc.	#8-C124 <sup>(4)</sup> (4'10" x 3'4" x 2'6")
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**Notes:** <sup>(1)</sup> Not for use in areas subject to vehicular traffic.  
<sup>(2)</sup> Consult the manufacturer for ordering procedures for handhole depth and lid/cover locking devices and load bearing capacity.  
<sup>(4)</sup> Light vehicular traffic only (H10).

(I asked the Outside Plant to revise the notes above for clarity, so these notes may change.)

## 5. Carrier Equipment (Item "ec") - Redback Networks

Committee A accepted Redback's subscriber management systems' SMS 500 and SMS 1800 for listing on Section 8 as follows:

<u>Manufacturer</u>	<u>Type Designation</u>
	<u>sms - Subscriber Management System</u>
Redback	SMS 500 & 1800

## 6. Carrier Equipment (Item "ec") and Electronic Subscriber Line Concentrators (Item "ep") - Advance Fibre Communications

Committee A accepted AFC's DMAX 1120 for listing on pages 6.1 and 6.5 as follows:

Page 6.1

<u>Manufacturer</u>	<u>Type Designation</u>
	<u>ec - Carrier Equipment</u>
	<u>Digital Carrier Systems</u>
	Subscriber <u>Carrier</u> <sup>(1)</sup> (PE-64a)
AFC	DMAX 1120 <sup>(3)</sup>

<sup>(3)</sup>Unit is also listed as a concentrator. See category "ep."

Page 6.5

<u>Manufacturer</u>	<u>Type Designation</u>
	<u>ep - Electronic Subscriber Line Concentrators</u>
AFC	DMAX 1120 <sup>(1)(2)</sup>

<sup>(1)</sup> The system includes remote subscriber terminals with local exchange terminal units or TR-008 direct digital interface.

<sup>(2)</sup> Unit is also listed as a carrier system. See item category "ec."

## 7. Stored Program Digital Switching Equipment (Item "pc") - Siemens Carrier Networks LLC

Committee A accepted Siemens' EWSD Small Exchange for listing on page 6.4 as follows:

**pc - Stored Program Digital Switching Equipment**

<b><u>Manufacturer</u></b>	<b><u>Base</u></b>	<b><u>Accepted System Release<sup>(5)</sup></u></b>	<b><u>Acceptance Classification<sup>(1)</sup></u></b>	<b><u>RST(s)</u></b>
Siemens Carrier Networks LLC	EWSD <sup>(8)</sup>	17.0	A	RCU
160C				RCU-
800C				RCU-
				Smart Remote

<sup>(8)</sup>The EWSD listing includes the EWSD Small Exchange (EWSD-SX).

## 8. Stored Program Digital Switching Equipment (Item "pc") - Siemens Carrier Networks LLC

Committee A granted Siemens Approval-to-Bid the DCO digital switching system at Release 23.0.

## 9. Stored Program Digital Switching Equipment (Item "pc") - Siemens Carrier Networks LLC

Committee A granted Siemens Approval-to-Bid its EWSD switching system at Release 19.0.

## 10. Electronic Subscriber Line Concentrators (Item "ep") - Redback Networks

Committee A accepted Redback's SmartEdge 800 Multi-service platform for listing on page 6.5 as follows:

**It - Lightwave Digital Transmission Systems****It-b Synchronous Systems**

<b><u>Manufacturer</u></b>	<b><u>Designation</u></b>	<b><u>Optical Bit Rate</u></b>	<b><u>Pt-Pt</u></b>	<b><u>Configurations Add/Drop</u></b>	<b><u>Ring</u></b>
Redback	SmartEdge 800	OC-3	Y	Y	Y
		OC-12	Y	Y	Y
		OC-48	Y	Y	Y

## 11. Electronic Subscriber Line Concentrators (Item "ep") - Siemens Carrier Networks LLC

Committee A accepted Siemens' Accession Integrated Access Platform for listing on page 6.5 as follows:

**Manufacturer****Type Designation****ep - Electronic Subscriber Line Concentrators**

Siemens Carrier Networks LLC

Accession Integrated Access Platform

12. Buried Service House Riser Guards (Item "am") - OSI Plastics Division of Ohio Steel Industries, Inc.

Committee A accepted OSI Plastics' house riser and wire guards for listing on page 7.6 as follows:

<u>Manufacturer</u>	<u>Catalog Number</u>						
<u>am - Buried Service House Riser Guards</u>							
Type:	<u>Conduit</u>	<u>Conduit</u>	<u>Conduit</u>	<u>Closed "U"</u>	<u>Conduit</u>	<u>Conduit</u>	<u>Conduit</u>
Standard Length and Size:	<u>5'x1.13"</u>	<u>5'x7/8"</u>	<u>5'x5/8"</u>	<u>5'x5/8"</u>	<u>5'x3/8"</u>	<u>20'x1"</u>	<u>5'x1/2"</u>
Charles Industries, Ltd.	--	--	12-119R	--	--	--	--
OSI Plastics Division of	723609	723181	--	--	--	--	--
Ohio Steel Industries, Inc.	723567	723182	--	--	--	--	--
	--	723198	--	--	--	--	--
Phonotronics Inc.	--	--	R-070	--	--	--	R-061
Virginia Plastics	--	--	--	VP-B58*	VP-38-5*	VP-1_EC	--

\*Staples will be required for mounting conduit. Double headed nails will be required for mounting Closed "U" type moulding. The mounting hardware shall be ordered separately from this manufacturer.

13. RUS Bulletin 345-22, RUS Specification for Voice Frequency Loading Coils, (PE-26) - Outside Plant Branch

Committee A approved deactivation of RUS Bulletin 345-22, RUS Specification for Voice Frequency Loading Coils, PE-26.

Miscellaneous

I. Committee A approved RUS Bulletin 1753F-801 (PC-5A), RUS Standard for Service Installations at Customer Access Locations.

II. Committee A revised Sumitomo's fiber optic cable listings on pages 1.5 and 1.5.3 to appear as follows:

Page 1.5oc - Fiber Optic Cable

RUS Standard Designation "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-a Unit Core or Central Core Tube Fiber Core ConstructionRUS Standard SuffixesManufacturerCable Construction

						<u>Mode</u>	
	<u>A(1)</u>	<u>B(1)</u>	<u>C</u>	<u>D</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Sumitomo Electric <sup>(7)</sup>	-	Litepipe™ ADS™	Litepipe™ Armorlux®	-	-	X	X

Page 1.5.3oc - Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-d Dry Filled Multiple Loose Tube Fiber Core Construction<sup>(3) (22)</sup>RUS Standard SuffixesManufacturerCable Construction

						<u>Mode</u>	
	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Sumitomo Electric <sup>(7)</sup>	DriCore®	DriCore®	DriCore®	DriCore®	-	X	X

III. Committee A revised the List of Materials to reflect the change in name from Coil Sales to Charles Industries, Ltd., for Items "hh, se, sd, no, and am; and from CIL/Wescom to Charles Industries, Ltd., for Item "ec."

NORBERTO ESTEVES

Chairman, Technical Standards

Committee "A" (Telecommunications)

Telecommunications Standards Division